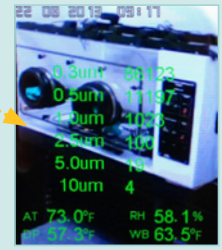
EXTECH INSTRUMENTS

NEW PRODUCTS WINTER 2014 EDITION

Particle Counter with Built-in Camera



The VPC300 Particle Counter features a built-in camera for capturing videos and photos that are stored onto internal memory or a microSD card (not included). The VPC300 can measure up to 6 channels of particle sizes plus Air Temperature, Relative Humidity, Dew Point, and Wet Bulb. Use the included software to generate reports with videos, photos, and data points. The VPC300 also comes with a certificate of calibration to NIST.

VPC300.....$1699.00
Available Feb. 28, 2014

1ϕ/3ϕ 1000A TRMS AC Power Clamp Meter + NCV

The PQ2071 clamp meter measures AC Voltage and Current, Frequency, and Power including True Power, Apparent Power, Reactive Power and Active Power plus Power Factor and Phase Angle. Built-in NCV Detector with LED alert. Complete with test leads, four color-coded leads and alligator clips, USB cable, PC software, 9V battery, and soft case.

PQ2071 ..... $299.99

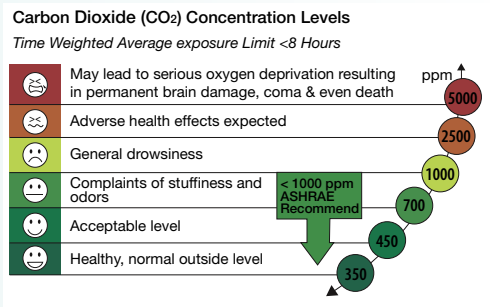
3-Channel Pressure Datalogger

The SD750 displays 3 pressure channels simultaneously on a large LCD screen. Connect to installed transducers (up to 5800psi with 4-20mA output) or use optional 30psi, 150psi or 300psi transducers (sold separately). 4-20mA input with readout in 9 units of measure. Selectable data sampling rates. Records data on an SD card in Excel® format for easy transfer to a PC for analysis. Includes 2GB SD card, Universal AC Adaptor, (3) connectors and mounting bracket.

SD750 .....$439.99

Desktop Indoor Air Quality CO_2 Monitor

The CO220 measures Carbon Dioxide (CO_2), Air Temperature, and Humidity with user selectable high/low alarms. Measures CO_2 up to 9,999ppm and features six emoticons to indicate indoor air quality levels. Visible and Audible CO_2 warning alarm. Displays Year, Month, Day and Time. Manually stores/recalls 99 readings.



CO220 ..... $229.99

160W Single Constant Switching Power Supply with USB

The DCP42 power supply calculates and changes the Voltage and Current limit points in real time according to available maximum power (160W). At maximum current (10A), voltage is limited to 16V; at maximum voltage (42V), current is limited to 3.8A. Dual action rotary encoder control with push knob for fine and coarse tuning. Remote control for Output Voltage/Current and On/Off. Three on-board user-defined Voltage/Current presets. User-selectable 20 presets with up to 999 cycles on your PC via USB using the included software. Software also includes DC Ramp and Waveform Generator.

DCP42 ..... $549.00

Refrigerant Leakage Detector

The RD300 detects all existing refrigerants used in various air conditioning, cooling and refrigeration systems. The field-replaceable sensor tip has a built-in LED light with on/off switch for working in dimly lit areas. High/Medium/Low sensitivity, Audible/Visual alert with mute button, and Low battery indicator.

RD300 ..... $229.99

Non-Contact Magnet Detector + Flashlight

The MD10 uses a blue LED alert to indicate the presence of magnetic fields, including AC, DC and permanent magnets. Useful for non-contact checks on solenoid valves in pneumatic and hydraulic control equipment, relays with coils in vehicles and machinery, and audio speakers. Built-in LED flashlight illuminates dark areas.

MD10 ..... $14.99

Microwave Leakage Detector

The EMF300 detector measures high-frequency radiation levels emitted from household and commercial microwave ovens. 0 to 1.999mW/cm² measurement range. <2db accuracy. 2.45GHz calibration frequency.

EMF300 ..... $199.99

12-Channel Datalogging Thermometer

The TM500 records data on an SD card in Excel® format for easy transfer to a PC for analysis. 12-Channel datalogging with 6 Thermocouple types (J, K, E, T, R,S) simultaneously displays CH1 to CH8 or CH9 to CH12. Offset adjustment used for zero function or to make relative measurements. Stores 99 readings manually and 20M readings onto the included 2GB SD card. Records readings with date and time stamp with user-programmable sampling rates: adjustable from 1 to 3600 seconds.

TM500 ..... **$1099.00**

Portable Free & Total Chlorine Meter

The CL500 incorporates an advanced optical system that uses a narrow band LED lamp to provide accurate and repeatable readings. Requires only a 10mL sample size. Meter comes with all the accessories to conveniently take measurements of both Free and Total Chlorine up to 3.50ppm. The method used is adapted from USEPA Method 330.5 for wastewater and Standard Method 4500-Cl-G for drinking water. Independent 2-point calibration. Splash-proof front panel. Battery operated for field and on-site testing.

CL500 ..... **$599.00**

Electronic Counting Scale/Balance

The SC600 has wide measuring capacity up to 600g (21.164oz). Gram or Ounce measurement selectable by internal slide switch. Microprocessor circuit with load cell transducer for high accuracy and performance. Built-in self-calibration system using traceable weights. High precision counting function and TARE function. Built-in bubble level with adjustable rubber pads. RS-232 interface (optional software).

SC600 ..... **$499.99**

IR Thermal Condensation Scanner with Dual Laser

Measures Temperature and Humidity, then calculates Dew Point and warns when conditions for mold growth exist. Fast 150msec response time. Ideal for processes that require surface temperature control and monitoring. Green LED changes to Yellow then to Red as the surface temperature reading gets closer to or equals the calculated Dew Point reading.

IRT600 ..... **$139.99**

Portable Turbidity Meter

The TB400 includes all the accessories needed to conveniently test the turbidity of municipal water, including food processing and beverage manufacturing, and other applications in which fluid clarity is vital. Microprocessor-based circuitry assures high accuracy and repeatable readings. Requires only a 10mL sample size. Two ranges: 0.00 to 50.00NTU and 50 to 1000NTU with ±5%FS accuracy. 2-point calibration. Splash-proof front panel. Battery operated for field and on-site testing.

TB400 ..... **$599.00**

Waterproof Borescope/ Inspection Cameras

Waterproof (IP67 rated) borescopes are portable and lightweight. Perfect for a quick, easy, on-the-spot viewing in small openings. Completely submersible in water down to 1 meter for 1 hour.

Model BR300 - Borescope with attached 1m cable, 8mm diameter camera head, and four bright LED lamps with dimmer. **Model BR350** - Borescope with attached 1m cable, 5.5mm diameter camera head, and two bright LED lamps with dimmer.

BR300...Waterproof Borescope (w/8mm dia. probe).....$199.99
BR350...Waterproof Borescope (w/5.5mm dia. probe)....$269.99

Mini Hygro-Thermometer Monitor

The RHM15 simultaneously displays Temperature (14° to 140°F) and Humidity (10 to 99%RH). The unit's compact size enables its use in confined spaces including guitar cases, humidors, display cases, and sports memorabilia displays as well as in factories, greenhouses and offices to monitor temperature and humidity conditions and to record daily extremes. Note, this monitor reads °F only.

RHM15 ..... **$24.99**

Pocket Fold-Up Food Thermometer

The TM55 is constructed in a compact ultrasonically welded splash-proof (IP65) housing with folding 2.4" stainless steel probe and is NSF certified for measuring temperature in liquids, pastes, and semi-solid food. It measures from -40 to 482°F (-40 to 250°C). It has fast response time at < 5 seconds in moving liquid. The probe can be positioned from 0° (storage) to 180° angle.

TM55 ..... **$34.99**

11-in-1 Environmental Meters

These meters measure Air Velocity, Air Flow, Temperature, Humidity, Wet Bulb, Dew Point, Heat Index, Wind Chill, Barometric Pressure, and Altitude. **Model EN100** has built-in Light sensor measuring light level and Auto-rotating display depending on function being used. Model **Model EN150** has built-in UV sensor measuring UV light level – Natural Sunlight Measurements.

Light Level (EN100)

UV Level (EN150)

EN100...Environmental Meter (w/Light sensor).....$299.99
EN150...Environmental Meter (w/UV Light sensor) $329.99
EN150 Available Feb. 28, 2014

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